TAR CREEK SOURCE MATERIAL OU4 SUPERFUND SITE
REMEDIAL ACTION PROJECT

BUYOUT HOUSING DEMOLITION DEBRIS DISPOSAL COORDINATION MEETING

December 15, 2010; 3:00 AM – 4:00 PM Central

Meeting Attendees

Gary Baumgarten/EPA
David Cates/ODEQ
Srini Dasappa/CH2M HILL
Jack Dalrymple/LICRAT
Terry McElveen/CH2M HILL

Purpose

The purpose of the meeting was to identify and discuss upfront coordination items for the disposal in the OU4 repository located off of E40 Road the debris resulting from the demolition of houses and structures in the Picher and Cardin townships that have been identified for demolition through the buyout program.

Minutes of the Meeting

The meeting participants identified the following as the meeting agenda:

- Status and plan for access road south of the repository (from the GCD Resources property)
- Demolition work construction schedule
- OU4 RA work schedule as it relates to demolition debris disposal at repository
- Truck unloading operation
- Waste quantity documentation
- Non-friable asbestos disposal operation

The following summarizes the discussion and action items for each of the above topics.

Status and Plan for Access Road South of Repository

The design documents are complete and were provided to the repository subcontractor (Kingston) for reviewing and pricing on Dec 15, 2010. A change will be issued to the repository subcontract to implement the work. The authorization of the work will depend on the availability of incremental funding under TO 53, but is expected to occur before the end of December. The work is expected to start 1st week of January 2011 and is anticipated to last 2-3 weeks.

Demolition Work Schedule

DCS plans to hold pre-construction meeting with the demo sub on January 3, 2011. The notice to proceed (NTP) is expected approximately 2 weeks following the pre-con meeting. The demo contractor is expected to mob and start demolition work promptly after the NTP.

The demo work is expected to last 6 months, working 5 days/week. Approximately 100 truck loads of debris are expected to be delivered to the repository.

Jack will forward the pre-con meeting details to all. From CH2M HILL, Terry McElveen and Srini Dasappa (tentative) will attend the pre-con meeting.

OU4 RA Work Schedule

Distal 2 source material and TZ soil transportation and disposal (T&D) at the repository is expected to be completed by January 8, 2010. That will reduce the number of trucks managed at repository to trucks from Distal 3 sites, estimated at approximately 250-300 per day. As such, when the demolition debris disposal starts on or about January 17, 2010, demo debris trucks will be received at the repository via E40 Road entrance. Estimated truck turnaround time (TAT) is approximately 5-7 minutes (average TAT based on total number of trucks received and processed in a given time), but expect slower TAT during wet weather conditions due to wet decontamination needs to remove materials from the truck tires.

E40 Road entrance will be used for demo debris truck processing until the access road south of the repository is completed, which is expected to be around January 24, 2010.

Truck Unloading Operation

Demolition debris will be unloaded at a specific location designated for demo waste disposal. A spotter with the repository subcontractor will direct the trucks to the debris dumping location. Spotter will also observe and communicate if any wastes remain in the truck bed, as generally visible from the spotter's location, to the truck driver. A backhoe will be made available at the repository to help remove such wastes. These operations will extend the truck TAT.

Waste Quantity Documentation

DCS or LICRAT does not require weighing or other measures of quantity of debris generated or disposed of in the repository. EPA desires the documentation of quantity of demo debris disposed of in the repository to estimate repository volume consumed and unit costs of disposal and management.

The requirements to the demo contractor include weighing of the trucks at a scale provided at or in the vicinity of the repository. The repository scale is estimated to be located at the south access road and operational in approximately 2 months time (subject to funding). Several options to quantify the demo debris quantities disposed of were discussed. The selected approach will be to perform pre- and post-disposal surveys of the demo debris disposal areas, and use the survey information along with the estimated cover material placed to arrive at the quantities of demo debris disposed in the repository.

Non-Friable Asbestos Disposal Operation

All friable and those non-friable ACM that would become friable during demo work have been identified and will be contained and disposed of at an offsite approved landfill, and will not disposed of in the repository. Only those non-friable ACM that will NOT become friable during demo work will be disposed of at the repository.

Repository operator workers will be required to comply with the following:

- ACM Training (4hrs – have to confirm) and possible certification from State (doubt OK requires certified workers for this)
- Asbestos physical

In addition, the repository subcontractor will implement routine dust suppression (watering) requirements. CH2M HILL will perform ACM monitoring (air sampling and analysis) at the repository during the demo waste placement and compaction. If the monitoring results show unacceptable level of asbestos fibers in the air, CH2M HILL will exercise the following repository subcontract options set up for additional engineering controls, individually or in tandem based on the site monitoring results:

- Use of a soil cover prior to compaction
- Level C PPE

The team reviewed the action items and adjourned the meeting.